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; MAY-1-06 3:11PM;

PAGE 1

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# HOWISON & ARNOTT, L.L.P.

A LIMITED LIABILITY PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

MAY 01 2006

ATTORNEYS AT LAW  
PATENT AND TRADEMARK MATTERS

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CONFIRMATION SENT VIA FIRST CLASS MAIL  
YES  NO

NUMBER OF PAGES TO FOLLOW 20

## FACSIMILE COVER SHEET

**DATE:** May 1, 2006  
**TO:** Central Filing Desk  
**COMPANY:** U.S. Patent and Trademark Office  
**FAX NUMBER:** 571-273-8300  
**FROM:** Gregory M. Howison  
**OUR FILE:** CYGL-25,768  
**ATTACHED:** Transmittal Form (1); Amendment and Response to Office Action (19)

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**COMMENT:**

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
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TRANSMITTAL  
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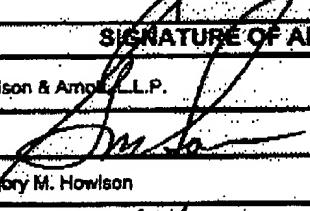
Application Number	09/885,459
Filing Date	June 19, 2001
First Named Inventor	Donald E. Altano
Art Unit	2111
Examiner Name	Kenneth S. Kim
Attorney Docket Number	CYGL-25,788

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## ENCLOSURES (Check all that apply)

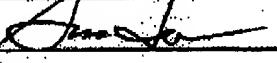
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<input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Howison & Arno, L.P.		
Signature			
Printed name	Gregory M. Howison		
Date	5/1/06	Reg. No.	30,846

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Signature			
Typed or printed name	Gregory M. Howison	Date	5/1/06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 09/885,459

Applicants : Donald E. Alfano, Danny J. Allred, Douglas S. Piasecki, Kenneth W. Fernald, Ka Y. Leung, Brian Caloway, Alvin Storvik, Paul Highley and Douglas R. Holberg

Title : FIELD PROGRAMMABLE MIXED-SIGNAL INTEGRATED CIRCUIT

Filed : June 19, 2001

TC/A.U. : 2111

Examiner : Kenneth S. Kim

Docket No. : CYGL-25,768

Customer No. : 25883

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P.O. Box 1450  
Alexandria, VA 22313-1450

S/ [Signature]	
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Gregory M. Howison (Reg. No. 30,646)	
(Name or Person Mailing Amendment)	
S/ [Signature]	
(Signature)	
S/ [Signature]	
(Date of Signature)	

Dear Sir:

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

In response to the Office Action dated March 27, 2006, please amend the above-referenced patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 16 of this paper.

Remarks/Arguments begin on page 19 of this paper.

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